

NETL Vacancy Announcement

Announcement No.: ARC-01-09

Opening Date: 10-30-01

Closing Date: 11-20-01

U.S. DEPARTMENT OF ENERGY - ALBANY RESEARCH CENTER (ALRC)

TERM APPOINTMENT NTE 2 YEARS*

POSITION: Metallurgist, GS-1321-13

LOCATION: Albany Research Center
Albany, Oregon

SUBJECT TO:

Supervisory Probationary Period
X Employment & Financial Interest Disclosure
X DOE CTAP (See Attached)
X ICTAP (See Attached)
X 1st Year Probationary Period

PROMOTION POTENTIAL: NONE

SALARY RANGE: \$61,749- \$80,279 per annum
(includes locality)

AREA OF CONSIDERATION: All Sources - Any Qualified U.S. Citizen

DUTIES AND RESPONSIBILITIES: The mission of the Albany Research Center is to conserve natural resources and improve safety through increasing the service life of materials, and alleviate environmental damage by finding substitute materials and processing paths for those that are inefficient or environmentally hazardous. The incumbent will work in the Thermal Treatment Technologies Division's, melting technology research group, focusing in melting and casting of ferrous and aluminum alloys. Emphasis is also placed upon the design of patterns and gating and risering systems for casting molds; heat treating of ferrous and aluminum alloys; and microstructure analysis of ferrous and aluminum alloys. As a senior researcher or team leader the incumbent will plan and perform research investigations on complex problems typically requiring original, creative, and unconventional approaches to research studies. He/she will plan and coordinate work with representatives of the melting, recycling, and environmental industries, various government agencies, contractors, Fossil Energy headquarters and the Division Chief. Functions as part of a team that formulates and guides in design, construction, and operation of high temperature furnaces, air pollution control system, and high-speed data acquisition systems. Reviews and evaluates manuscripts, publications, and patent references in the individual's own specialty and in other aspects of engineering and related disciplines. Provides opinions and information related to materials contained in the casting, heat treating, and fabrication of ferrous and aluminum alloys, operation of furnace systems, statistical design, and data acquisition. Performs significant amounts of "hands on" work with the construction and operation of the facility and its two principal furnaces: a one ton per hour, water cooled electric arc and a 1 megawatt cupola. He/she will perform strenuous, repetitive physical labor on an intermittent basis.

QUALIFICATION REQUIREMENTS: Applicants must have general and/or specialized experience and any selective placement factors as described below. This requirement is in accordance with the OPM Qualifications Standards Operating Manual, available in any Government Personnel Office, which specifies when and how education may be substituted for the experience.

BASIC REQUIREMENTS:

- A. Degree: metallurgy or metallurgical engineering that included at least 20 semester hours in metallurgical subjects.

OR

- B. Combination of education and experience - courses equivalent to a major, as shown in A above, plus appropriate experience or additional education.

ADDITIONAL EXPERIENCE: In addition to meeting the basic requirements, applicants must have 1 year specialized experience equivalent to at least the GS-12 level in the Federal service. Specialized experience is experience that equipped the applicant with the particular knowledge, skills, and abilities to perform successfully the duties of the position, and that is typically in or related to the work of the position to be filled.

BASIS OF EVALUATION: Qualified applicants will be rated against the established quality ranking factors. The extent to which a candidate possesses each knowledge, skill, and/or ability will be determined by measuring the level of experience, education, and training as they relate to each quality ranking factor. **RATING/RANKING OF APPLICANTS WILL BE BASED SOLELY ON INFORMATION CONTAINED IN THE CANDIDATE-S APPLICATION PACKAGE; THEREFORE, CANDIDATES ARE REQUESTED TO SPECIFICALLY ADDRESS EACH QUALITY RANKING FACTOR AND HIGHLIGHT THE SIGNIFICANCE OF THEIR SPECIFIC EXPERIENCE. FAILURE TO ADDRESS THE QUALITY RANKING FACTORS MAY RESULT IN A LOWER RATING.**

1. Ability to conduct research focusing upon the casting of ferrous and aluminum alloys.
2. Ability to conduct research in the heat treating of ferrous and aluminum castings.
3. Knowledge of theory and operation of mechanical fabrication systems for ferrous and aluminum alloys.
4. Skill in written and oral communications in order to prepare and present complex technical reports/information.

NOTES:

1. Relocation funds may be authorized in accordance with Federal Travel Personnel Regulations.
2. *This is a Term appointment not to exceed two years and may be extended for an additional two years in accordance with Federal Regulations.
3. As a condition of employment, new employees are required to arrange for direct deposit of paychecks.
4. ALRC provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the NETL HR Office. The decision on granting reasonable accommodation will be on a case-by-case basis.
5. For more information about the Albany Research Center, please visit our website at www.alrc.doe.gov.
6. You must include your Social Security Number on your application.
7. This position is in the bargaining unit.
8. This announcement may be used to fill additional positions.

TO APPLY: Submit the following forms listed below. (Note: Applications and any attached materials will not be returned.)

1. Either a current, completed Personal Qualifications Statement (SF-171), or an Optional Application for Federal Employment (OF-612), or a Federal Style Resume (which contains specific information outlined on the attachment to this announcement).

Reference the vacancy announcement number on application. Forms may be downloaded by going to www.opm.gov.
ELECTRONIC VERSIONS OF RESUMES WILL NOT BE ACCEPTED.

2. Supplementary statement addressing the quality ranking factors which highlights aspects of your background as they relate to the knowledge, skills, and abilities required by the position. **Note: Rankings will be based solely on information contained in your application package. Failure to address quality ranking factors may result in a lower rating.**
3. List of College Courses and Certificate of Scholastic Achievement (OPM 1170-17) or College Transcript.
4. Declaration of Federal Employment (OF-306), if using the OF-612 or a Resume.
5. Application for 10-Point Veterans=Preference (SF-15), if applicable.
6. DD-214 to claim 5-Point Veterans=Preference (see attached), if applicable.
7. Submit application material to the following office:

U.S. Department of Energy
National Energy Technology Laboratory
ATTN: Human Resources Division
Mail Stop 921-210
P.O. Box 10940, 626 Cochrans Mill Road
Pittsburgh, PA 15236
8. Applications must be received by the Human Resources Division on or before the closing date of the vacancy announcement or be postmarked by closing date and received by the Human Resources Division within 5 working days after the closing date. Late applications will not be considered.

SPECIAL SELECTION PRIORITY CONSIDERATION FOR SURPLUS OR DISPLACED EMPLOYEES

Department of Energy (DOE) SURPLUS OR DISPLACED EMPLOYEES REQUESTING SPECIAL SELECTION PRIORITY CONSIDERATION UNDER THE CAREER TRANSITION ASSISTANCE PROGRAM (CTAP)

If you are currently a **DOE** employee who has received a Reduction in Force (RIF) separation notice or a Certificate of Expected Separation you may be entitled to special priority selection under the **DOE** Agency Career Transition Assistance Program (CTAP). To be eligible for special priority selection under the DOE's Career Transition Assistance Program (CTAP) you must meet all of the following conditions:

1. Displaced Employee is: (A) a current DOE career or career-conditional competitive service employee in tenure Group I or II, at a GS-15 grade level or equivalent and below, who has received a **RIF** separation notice or notice of proposed removal for declining a directed reassignment or transfer of function outside of the local commuting area; or (B) a current DOE employee in the excepted service, serving on an appointment without time limit, at a GS-15 grade level or equivalent and below, who has been given non-competitive appointment eligibility and selection priority by statute for positions in the competitive service, and who has received a RIF separation notice or notice of proposed removal for declining a transfer of function or directed reassignment outside of the local commuting area.

Surplus Employee is: (A) a current employee serving under an appointment in the competitive service, in tenure Group I or II, at a GS-15 grade level or equivalent and below, who has received a Certificate of Expected Separation (CES) or other official certification issued by DOE indicating that your position is surplus, for example, a notice of position abolishment, or a notice stating that you are eligible for discontinued service retirement; or (B) a **current** DOE employee serving on an excepted service appointment without time limit, at a GS-15 grade level or equivalent and below, who has been issued a certificate of expected separation or other official agency certification indicating that your position is surplus, for example, a notice of position abolishment or a notice stating that you are eligible for discontinued service retirement, and you have been conferred noncompetitive appointment eligibility and special selection priority by statute for positions in the competitive service.

You must submit one of the following with your application as proof of eligibility for this special selection priority:

(A) a copy of the **RIF** separation notice or notice of proposed removal for declining a directed reassignment or transfer of function outside of the commuting area; (B) Certificate of Expected Separation (CES) or other official notice from DOE indicating that you are surplus or eligible for discontinued service retirement; or (C) other official DOE certification identifying you as being in a surplus organization or occupation.

2. Be applying for a position that is at or below the grade level of the position from which you are being separated. The position must not have a greater promotion potential than the position from which you are being separated.
3. Have a current (or last) performance rating of record of at least fully successful or equivalent. This **must** be submitted with your application package.
4. Be currently employed by the **DOE** in the same commuting area of the position for which you are requesting priority consideration; or at DOE's discretion, occupy a position beyond the local commuting area. An eligible DOE employee outside the local commuting area, can only exercise selection priority when there are no eligible surplus and displaced DOE employees within the local commuting area who apply and are found well qualified..
5. File your application by the Vacancy Announcement closing date and meet all the application criteria (e.g., submit all required documentation, etc.).
6. Be rated well-qualified for the position (final score on quality ranking factors is at the acceptable or above level).

**DISPLACED EMPLOYEES REQUESTING SPECIAL SELECTION PRIORITY CONSIDERATION
UNDER THE INTERAGENCY CAREER TRANSITION ASSISTANCE PROGRAM (ICTAP)**

If you are a displaced Federal employee you may be entitled to receive special priority selection under the ICTAP. To receive this priority consideration you must:

1. Be a displaced Federal employee. You **must** submit one of the following as proof of eligibility for this special selection priority: a Reduction in Force (RIF) separation notice, or a notice of proposed removal for declining a directed reassignment or transfer of function to another commuting area; documentation, e.g., SF-50, Notification of Personnel Action, showing that you were separated as a result of RIF or for declining a transfer of function or directed reassignment to another commuting area; official certification from an agency stating that it cannot place you and your injury compensation has been or is being terminated; official notification from the Office of Personnel Management (OPM) that your disability annuity has been or is being terminated; or official notification from the Military Department or National Guard Bureau that you have retired under 5 United States Code 8337(h) or 8456. The following categories of candidates are considered displaced employees.

A. Current or former career or career-conditional (tenure Group **I** or **II**) at the GS-15 grade level or equivalent and below competitive service employees who:

1. Received a specific **RIF** separation notice; or a notice of proposed removal for declining a directed reassignment or transfer of function outside the local commuting area;
2. Separated because of a compensable injury or illness as provided under the provisions of Subchapter I of Chapter 81 of Title 5, United States Code, whose compensation has been terminated, and whose former agency certifies that it is unable to place; or
3. Retired with a disability under Sections 8337 or 8451 of Title 5, United States Code, and whose disability annuity has been or is being terminated; or
4. Upon receipt of a **RIF** separation notice retired **ON** the effective date of the **RIF** and submits a Standard Form 50 that indicates **A**Retirement in lieu of **RIF**, or
5. Retired under the discontinued service retirement option; or
6. Was separated through reduction in force, or removed for declining a transfer of function or directed reassignment outside the local commuting area.

OR

B. Former Military Reserve or National Guard Technicians who are receiving a special Office of Personnel Management (OPM) disability retirement annuity under Section 8337(h) or 8456 of Title 5, United States Code.

OR

C. A current Executive Branch agency employee in the excepted service, serving on an appointment without time limit, at a GS-15 grade level or equivalent and below, who has been given noncompetitive appointment eligibility and selection priority by statute for positions in the competitive service, and who is in receipt of a reduction in force separation notice or notice of proposed removal for declining a transfer of function or directed reassignment outside the local commuting area.

OR

- D. A former Executive Branch agency employee in the excepted service, who served on an appointment without time limit, at a GS-15 grade level or equivalent and below, who has been given noncompetitive appointment eligibility and selection priority by statute for positions in the competitive service, and who has been separated through reduction in force or removed for declining a transfer of function or directed reassignment outside the local commuting area.
2. Be applying for a position at or below the grade level of the position from which you have been separated. The position must not have a greater promotion potential than the position from which you were separated.
 3. Have a current (or last) performance rating of record of at least fully successful or equivalent. This **must** be submitted with your application package. (This requirement does not apply to candidates who are eligible due to compensable injury or disability retirement.)
 4. Occupy or be displaced from a position in the same local commuting area of the position for which you are requesting priority consideration.
 5. File your application by the Vacancy Announcement closing date and meet all the application criteria (e.g., submit all required documentation, etc.).
 6. Be rated well-qualified for the position (final score on quality ranking factors is at the acceptable or above level).

VETERAN PREFERENCE IN HIRING:

1. **General Provisions**

If you are claiming 5-point preference, you must include on your resume (or an attached piece of paper) the following information: your dates of service, branch of service, and any campaign badges or expeditionary medals you received; and attach to your application material a copy of your DD-214, Certificate of Release or Discharge from Active Duty or other proof of eligibility. If you are claiming 10-point preference, you must attach a completed Standard Form (SF) 15, Application for 10-Point Veterans=Preference, along with the documentary proof described on that form.

You **cannot** receive preference if you are retired or plan to retire at or above the rank of major or lieutenant commander, unless you are disabled or retired from the active military reserve. To receive veteran preference, your separation from active duty must have been under honorable conditions. This includes honorable and general discharges, but not clemency discharges. Active duty for training in the military Reserve and National Guard programs is not considered active duty for purposes of veteran preference.

2. **5-Point Preference**

You may qualify for 5-point preference under any **one** of the following conditions:

- A. If you served on active duty, other than in the Reserves, any time between December 7, 1941, and July 1, 1955 (if you were a Reservist called to active duty between February 1, 1955, and July 1, 1955), you must meet condition B. below.
- B. If you meet **both** of the following conditions:
 - 1. You served on active duty for more than 180 days, and
 - 2. You served on active duty any part of which was between July 2, 1955, and October 14, 1976, or you were a Reservist called to active duty between February 1, 1955, and October 14, 1976.
- C. If you meet **both** of the following conditions:
 - 1. You entered on active duty between October 15, 1976, and September 7, 1980, or were a Reservist who entered on active duty between October 15, 1976, and October 13, 1982, and
 - 2. You are a disabled veteran, or service must have been performed during a war or in a campaign or expedition for which a campaign badge or Expeditionary Medal has been authorized.
- D. If you enlisted in the Armed Forces after September 7, 1980, or entered active duty other than by enlistment on or after October 14, 1982, and meet **either** of the following conditions:
 - 1. Your service must have been performed during a war or in a campaign or expedition for which a Campaign Badge or Expeditionary Medal has been authorized, and **either** completed 24 months of continuous active duty or the full period called or ordered to active duty, **or** were discharged under 10 U.S.C. 1171 or for hardship under 10 U.S.C. 1173, or
 - 2. You are a disabled veteran.

NOTE: Under a new law, the Defense Authorization Act of November 18, 1997, veterans= preference is accorded anyone who served on active duty during the Gulf War from August 2, 1990, through January 2, 1992. The law grants preference to anyone who is otherwise eligible and who served on active duty during this period regardless of where the person served or for how long. Otherwise eligible means that a person must have been separated from the service under honorable conditions and have served continuously for a minimum of 24 months or the full period for which called or ordered to active duty. The law also authorizes the Armed Forces Expeditionary Medal for service in Bosnia during Operation Joint Endeavor (November 29, 1995-December 20, 1996) and Operation Joint Guard (December 20, 1996-to be determined). The Secretary of each military department decides which members are eligible. The award of the Armed Forces Expeditionary Medal is qualifying for veterans= preference.

3. 10-Point Preference

If you are a disabled (compensable or non-compensable) veteran, a Purple Heart recipient, or the spouse, widow, or mother of a deceased or disabled veteran, you may qualify for 10-point preference, you must enclose with your resume a completed SF-15 along with the necessary documentary proof.

NOTE: More information on veterans= preference is available in the Vets Guide that can be accessed through the Internet at www.opm.gov.

HERE'S WHAT YOUR RESUME OR APPLICATION MUST CONTAIN (IN ADDITION TO SPECIFIC INFORMATION REQUESTED IN THE JOB VACANCY ANNOUNCEMENT):

JOB INFORMATION

- ! Announcement number, and title and grade(s) of the job for which you are applying. Identify the lowest pay or grade level you will accept. (You will not be considered for jobs which pay less than you indicated.)

PERSONAL INFORMATION

- ! Full name, mailing address (*with ZIP Code*) and day and evening phone numbers (*with area code*).
- ! Social Security number.
- ! Country of citizenship. (*Most Federal jobs require United States citizenship.*)
- ! Veterans' preference.
- ! Reinstatement eligibility. (*If requested, attach SF-50 proof of your career or career-conditional status.*)
- ! Highest Federal civilian grade held. (*Also give job series and dates held.*)

EDUCATION

- ! High school.
Name, city, and state (ZIP code if known).
Date of diploma or GED.
- ! Colleges and universities.
Name, city, and state (ZIP code if known).
Majors.
Type and year of any degrees received. (If no degree, show total credits earned and indicate whether semester or quarter hours.)
- ! Send a copy of your college transcript only if the job vacancy announcement requests it.

WORK EXPERIENCE

- ! Give the following information for your paid and nonpaid work experience related to the job for which you are applying. (*Do not send job descriptions.*) Job title (*include series and grade if Federal job*).

Duties and accomplishments.

Employer's name and address.
Supervisor's name and phone number.

Starting and ending dates (*month and year*).
Hours per week.
Salary.

- ! Indicate if we may contact your current supervisor.

OTHER QUALIFICATIONS

- ! Job-related training courses (*title and year*).
- ! Job-related skills, for example, other languages, computer software/hardware, tools, machinery, typing speed.
- ! Job-related certificates and licenses (*current only*).
- ! Job-related honors, awards, and special accomplishments, for example, publications, memberships in professional or honor societies, leadership activities, public speaking, and performance awards. (*Give dates but do not send documents unless requested.*)

THE FEDERAL GOVERNMENT IS AN EQUAL
OPPORTUNITY EMPLOYER

APPLICANT BACKGROUND SURVEY QUESTIONNAIRE

| | | |
|---|---------------------------------|---|
| GENERAL INSTRUCTIONS The information from this survey is used to help ensure that agency personnel practices meet the requirements of Federal law. Your responses are voluntary . Please answer each of the questions to the best of your ability. Please print entries in pencil or pen. Use only capital letters. Read each item thoroughly before completing the appropriate code number in each box. | | PRIVACY INFORMATION General The information is provided pursuant to Public Law 935-597 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information. Authority Sections 1302, 3301, 3304, and 7201 of Title 5 of the U.S. Code. Purpose and Routine Uses The information from this survey is used for research and for a Federal equal opportunity recruitment program to help ensure that agency personnel practices meet the requirements of Federal law. Effects of Nondisclosure Providing this information is voluntary. No individual personnel selections are made based on this information. |
| Vacancy Announcement No.: ARC-01-09 | Date (Month, Day, Year): | |
| Position: Metallurgist, GS-1321-13 | | |

| | |
|--|--|
| Name: | |
| How did you learn about the particular position or exam for which you are applying? (You may circle up to three choices.) | |
| 01--Private Information Service 02--Magazine/Newspaper 03--Radio/TV 04--DOE Home Page 05--NETL Home Page 06--OPM USA Jobs 07--Minorities Job Bank 08--Other WEB sites (Specify): _____ _____ 09--Hard Copy of Vacancy Announcement 10--Agency Personnel Department | 11--FRS-Federal Career Opportunities Listing 12--Federal/State/Local Job Information Center 13--Religious Organization 14--School or College Counselor or Other Official 15--Friend or Relative Working for the Agency 16--Friend or Relative Not Working for Agency 17--State Employment Office (Unemployment Office) 18--Private Employment Office 19--Other (Specify): _____ _____ |
| Please categorize yourself in terms of the race/ethnic category and sex using the definitions below categories below: | |

| | |
|---|--|
| RACE/ETHNIC CODE: _____ A--American Indian or Alaskan Native Person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition. B--Asian or Pacific Islander Person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Japan, Korea, the Philippine Islands, and Samoa. C--Black, Not of Hispanic Origin Person having origins in any of the black racial groups of Africa. D--Hispanic Person of Mexican, Puerto Rican, Cuban Central or South American, or other Spanish culture or origin, regardless of race. E--White, Not of Hispanic Origin Person having origins in any of the original peoples of Europe, North Africa, or the Middle East. | SEX: _____ 1--Male 2--Female DISABILITY STATUS: (Please place only ONE two-digit code number in the box. See the reverse side of this form for the appropriate codes.) <div style="font-size: 2em; text-align: center;">GG</div> |
| Mail form to: Office of the Economic Impact and Diversity Manager, National Energy Technology Laboratory, P.O. Box 10940, MS-922-178C, Pittsburgh, Pennsylvania 15236-0940. You may submit this form as part of your application package; however, it will be removed upon receipt and forwarded to the above office. | |

Disability Status Codes:

05. I do not have a disability.
16. Total deafness in both ears, with or without understandable speech.
23. Inability to read ordinary size print, not correctable by glasses (can read oversize print or use assisting device).
25. Blind in both eyes (no usable vision, may have some light perception).
28. Missing one arm or one leg.
33. Missing both hands or both arms or both feet or both legs.
35. Missing one hand or arm and one foot or leg.
64. Partial paralysis of both hands.
65. Partial paralysis of both legs, any part, or both arms, any part.
67. Partial paralysis of one side of the body, including one arm and one leg.
68. Partial paralysis of three or more major parts of the body (arms and legs).
71. Complete paralysis of both hands or both arms or both legs.
72. Complete paralysis of one arm or one leg.
76. Complete paralysis of lower half of body, including legs.
77. Complete paralysis of one side of body, including one arm and one leg.
78. Complete paralysis of three or more major parts (of body) (arms and legs).
82. Convulsive disorder (e.g., epilepsy).
90. Mental retardation (a chronic and lifelong condition involving a limited ability to learn, to be educated, and to be trained for useful productive employment as certified by a state vocational rehabilitation agency).
91. Mental or emotional illness (a history of treatment for mental or emotional problems).
92. Severe distortion of limbs and/or spine (e.g., dwarfism, severe distortion of the back).
06. I have a disability, but it is not listed above. Describe: _____
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